

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037422.D
 Acq On : 28 Mar 2020 17:22
 Operator : JC/MD
 Sample : L2002-04MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWG6MSD

Quant Time: Mar 30 01:14:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 00:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	101934	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	96614	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	49395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40878	5.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	1.93	69	33978	6.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.60%
11) 1,1-Dichloroethene-d2	2.59	63	81966	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.60%
20) 2-Butanone-d5	4.67	46	100152	48.83	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.66%
24) Chloroform-d	5.10	84	70478	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.74	65	44781	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.76	84	158020	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
36) 1,2-Dichloropropane-d6	6.72	67	50519	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	7.92	98	149079	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
43) trans-1,3-Dichloropropene-	8.20	79	23800	5.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.60%
46) 2-Hexanone-d5	8.66	63	97550	56.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	41404	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	56405	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

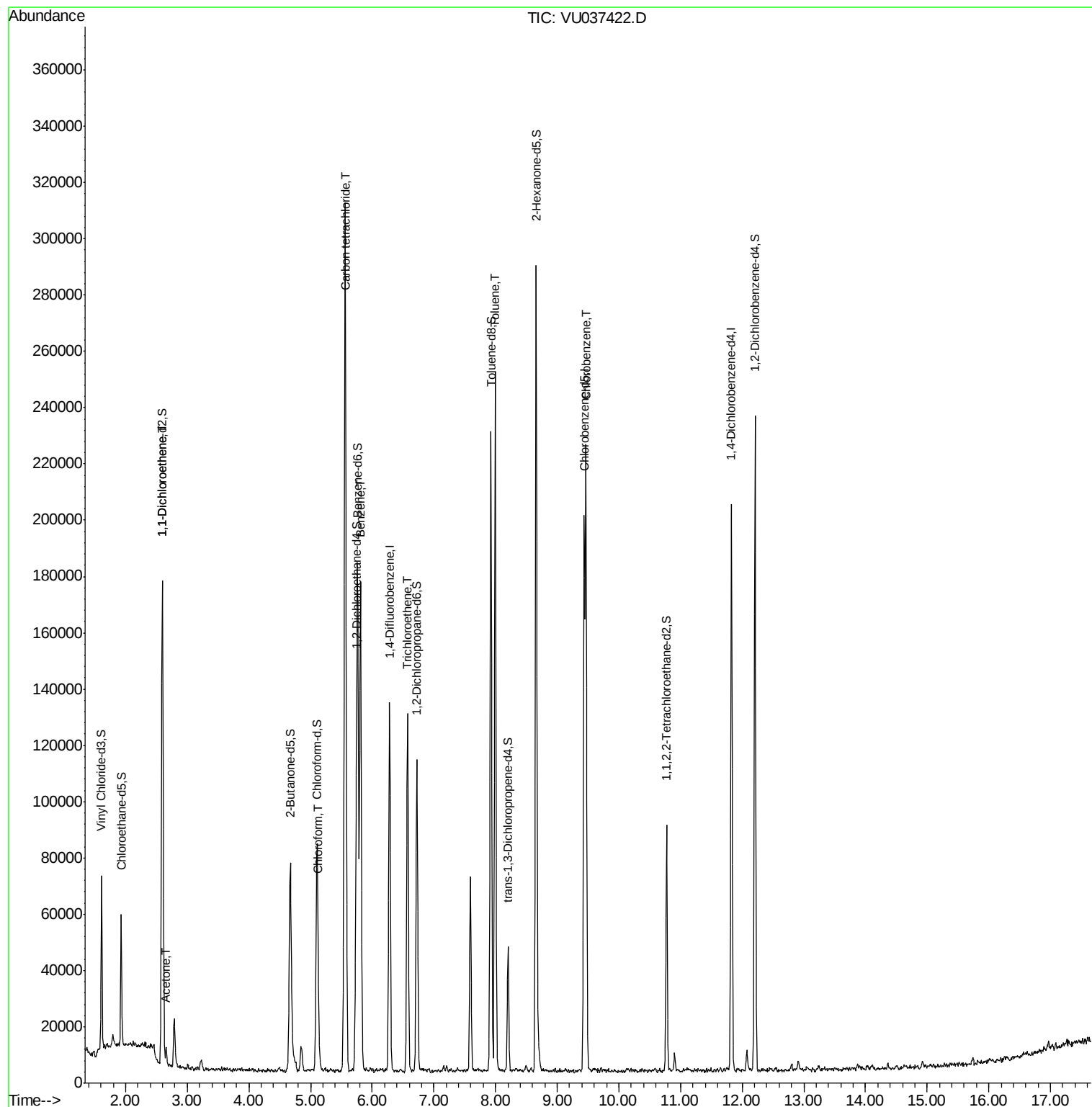
					Ovalue
12) 1,1-Dichloroethene	2.60	96	34676	5.172 ug/L	93
13) Acetone	2.66	43	6918	5.871 ug/L	94
25) Chloroform	5.13	83	9994	0.725 ug/L	95
31) Carbon tetrachloride	5.56	117	202734	19.336 ug/L	100
33) Benzene	5.81	78	159197	5.564 ug/L	100
34) Trichloroethene	6.57	95	42170	5.175 ug/L	98
42) Toluene	8.00	91	174191	5.649 ug/L	99
51) Chlorobenzene	9.47	112	110909	5.207 ug/L	99

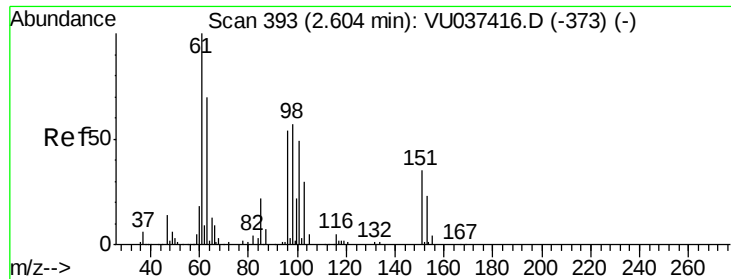
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Mar 30 00:15:54 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.172 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037422.D

Acq: 28 Mar 2020 17:22

Instrument :

MSVOA_U

ClientSampleId :

GAWG6MSD

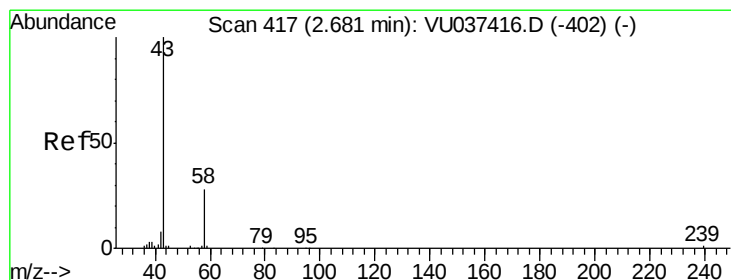
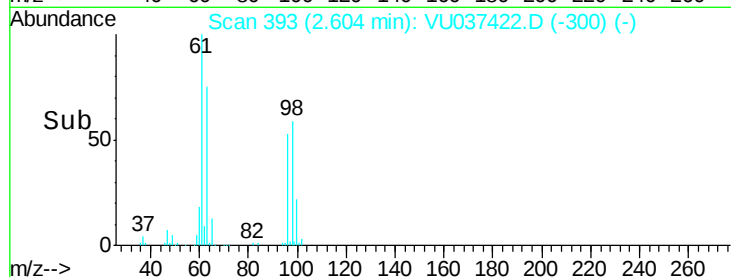
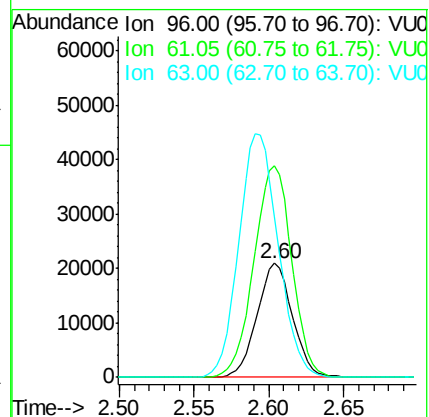
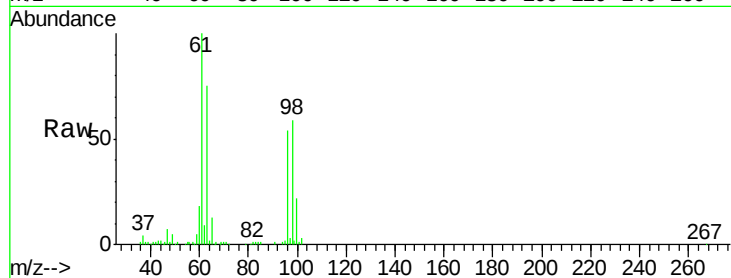
Tot Ion: 96 Resp: 34676

Ion Ratio Lower Upper

96 100

61 186.4 125.4 232.8

63 140.7 90.9 168.7



#13

Acetone

Concen: 5.871 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU037422.D

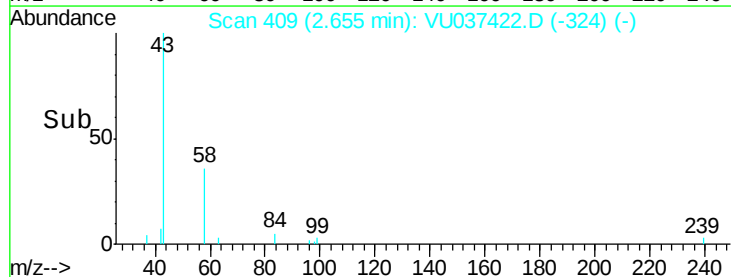
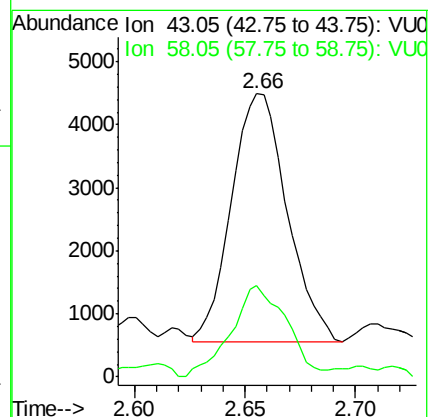
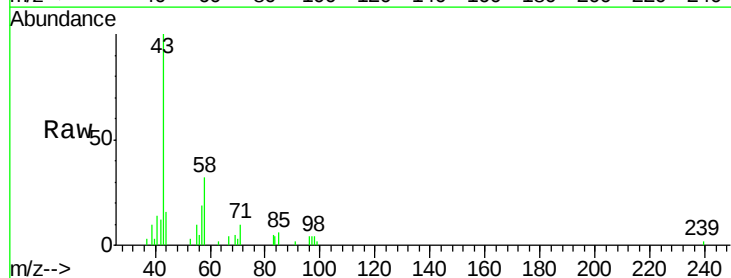
Acq: 28 Mar 2020 17:22

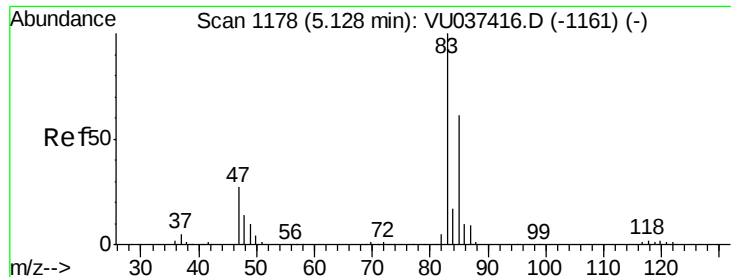
Tgt Ion: 43 Resp: 6918

Ion Ratio Lower Upper

43 100

58 36.5 0.0 66.0

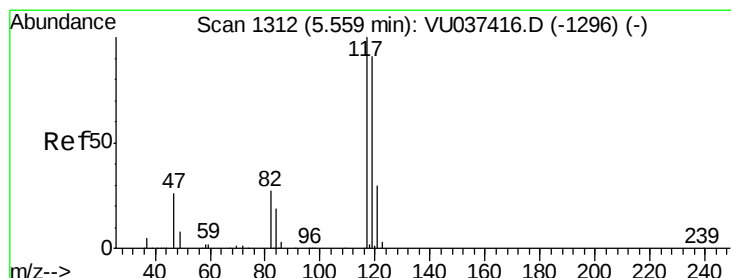
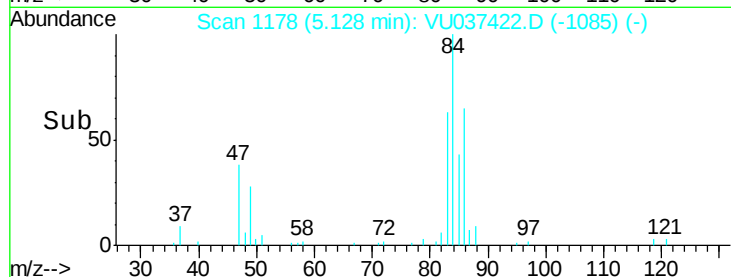
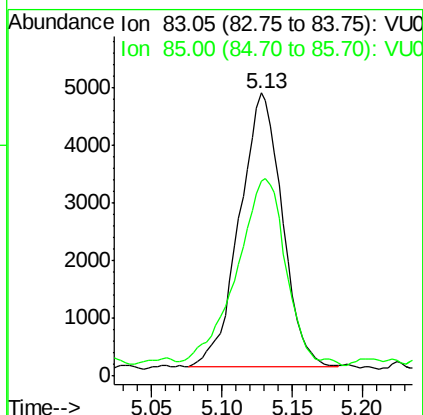
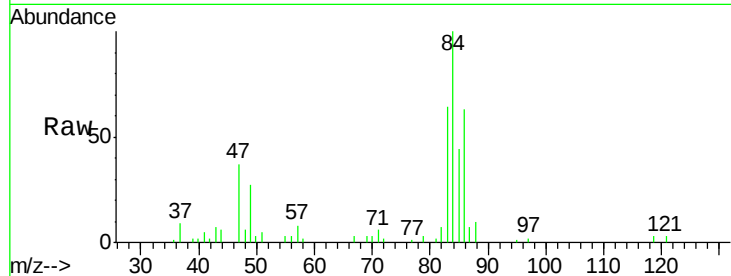




#25
Chloroform
Concen: 0.725 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037422.D
Acq: 28 Mar 2020 17:22

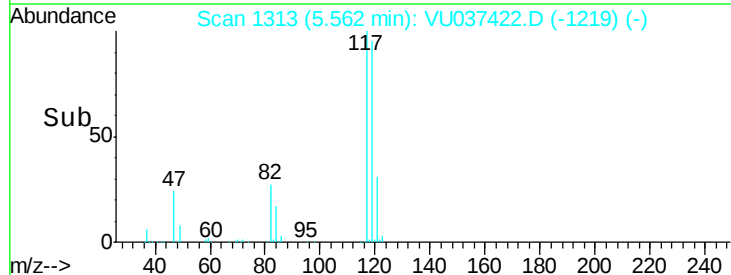
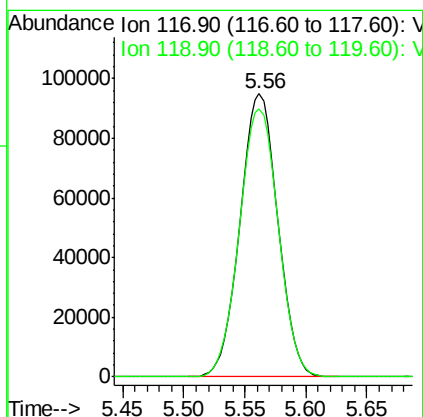
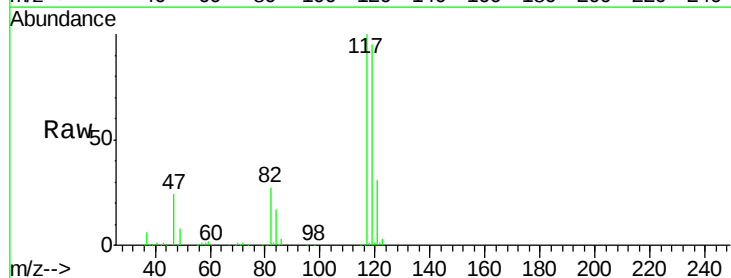
Instrument :
MSVOA_U
ClientSampled :
GAWG6MSD

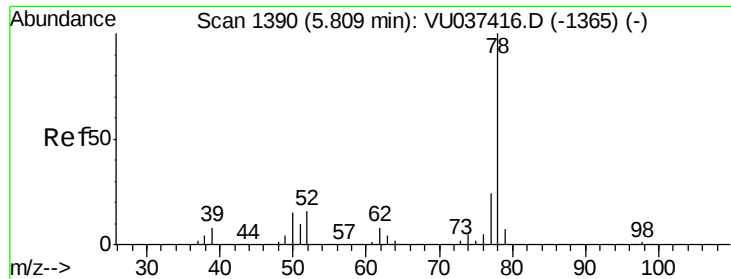
Tot Ion: 83 Resp: 9994
Ion Ratio Lower Upper
83 100
85 68.9 45.4 84.4



#31
Carbon tetrachloride
Concen: 19.336 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037422.D
Acq: 28 Mar 2020 17:22

Tgt Ion: 117 Resp: 202734
Ion Ratio Lower Upper
117 100
119 97.5 77.7 116.5

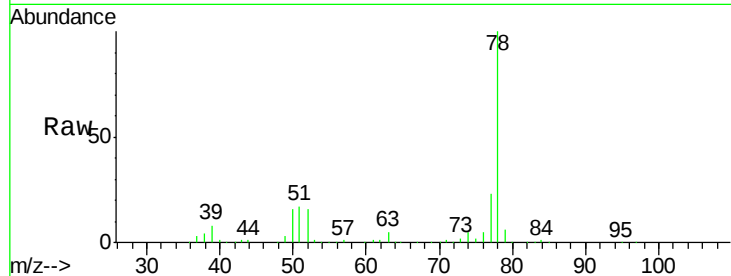




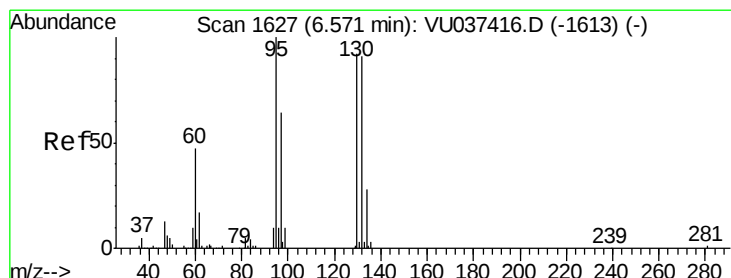
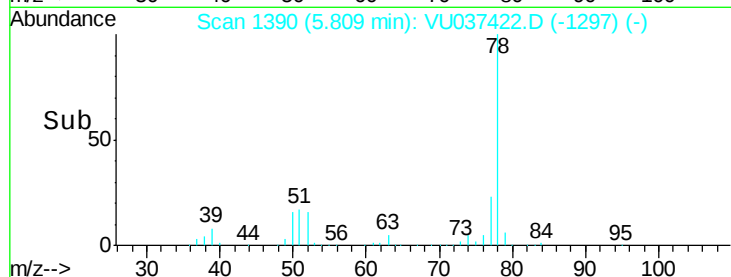
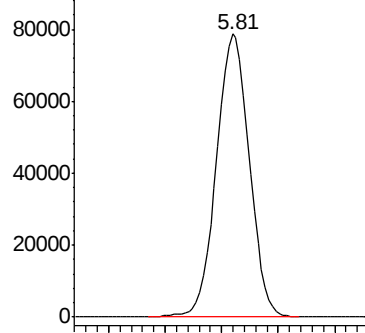
#33
Benzene
Concen: 5.564 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU037422.D
Acq: 28 Mar 2020 17:22

Instrument :
MSVOA_U
ClientSampleId :
GAWG6MSD

Tgt Ion: 78 Resp: 159197

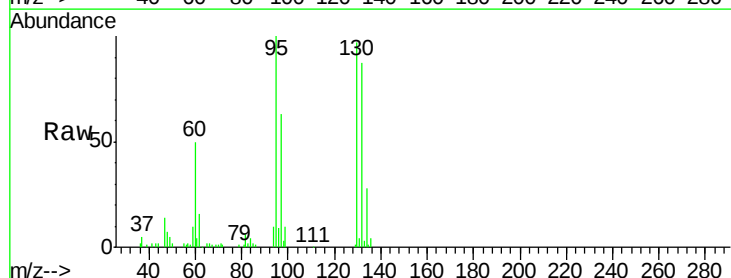


Abundance Ion 78.10 (77.80 to 78.80): VU0



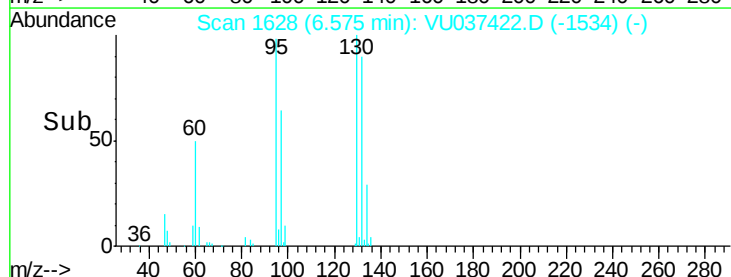
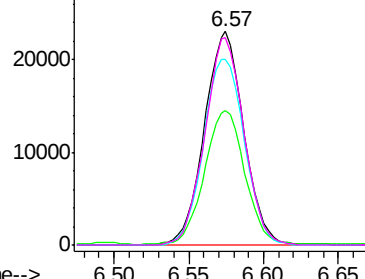
#34
Trichloroethene
Concen: 5.175 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU037422.D
Acq: 28 Mar 2020 17:22

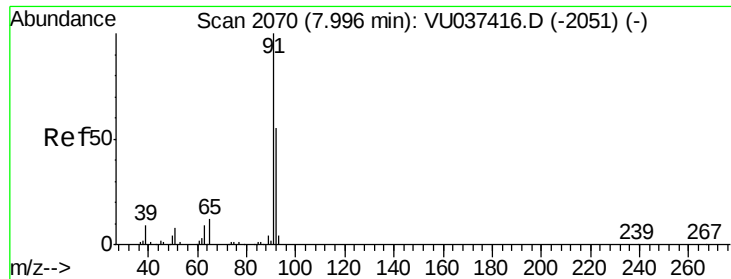
Tgt Ion: 95 Resp: 42170
Ion Ratio Lower Upper
95 100
97 62.9 45.3 84.1
132 87.1 62.7 116.5
130 96.9 69.1 128.3



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 5.649 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU037422.D

Acq: 28 Mar 2020 17:22

Instrument :

MSVOA_U

ClientSampleId :

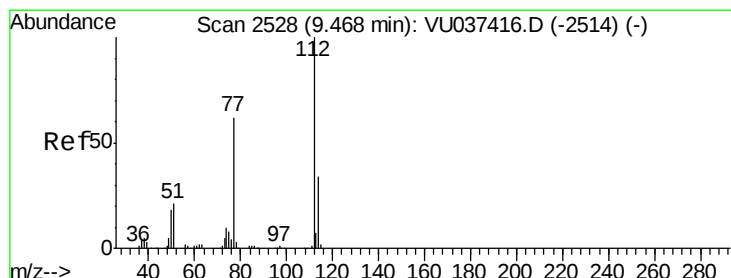
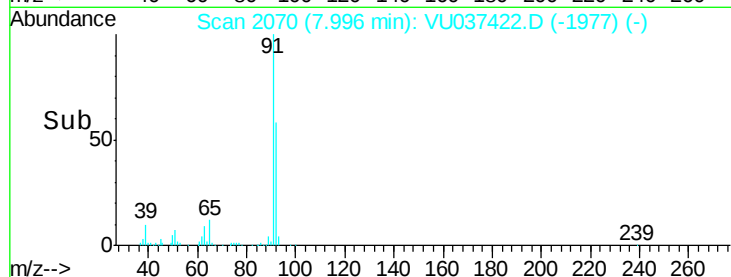
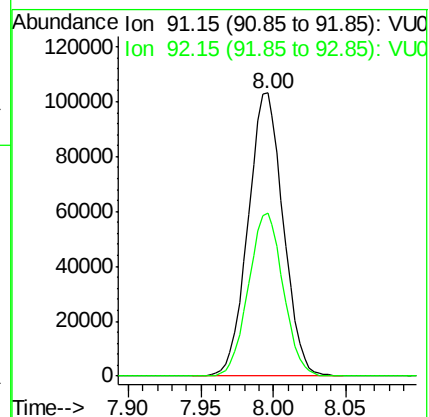
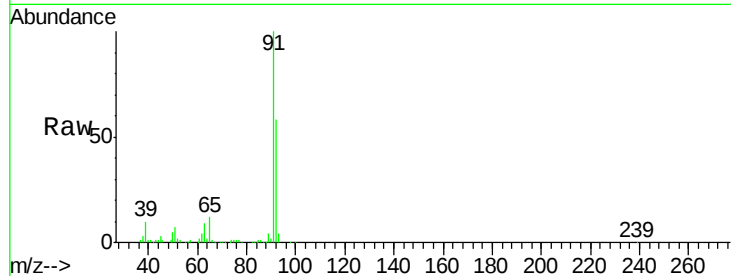
GAWG6MSD

Tot Ion: 91 Resp: 174191

Ion Ratio Lower Upper

91 100

92 57.6 39.8 73.8



#51

Chlorobenzene

Concen: 5.207 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU037422.D

Acq: 28 Mar 2020 17:22

Tgt Ion: 112 Resp: 110909

Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 62.5 50.5 75.7

